

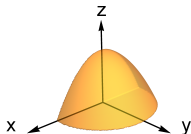
# Double Integrals in Polar Coordinates



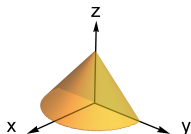
## Question

The integral  $\int_{-\pi/2}^{\pi/2} \int_0^1 (1-r)r \, dr \, d\theta$  computes the volume of which of the solids shown?

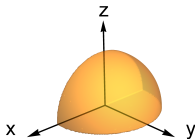
A.



B.



C.



D.

